

EXHIBIT A

PATENTS

The following prior art patents and published patent applications anticipate and/or render obvious one or more of The Asserted Claims.

Pub. No.	Patent Number	Country of Origin	Date of Publication	Anticipation Or Obviousness Art ¹
1	1,487,452	U.S.	March 18, 1924	O
2	1,706,461	U.S.	March 26, 1929	O
3	1,784,942	U.S.	December 16, 1930	O
4	2,120,458	U.S.	June 14, 1938	O
5	2,169,590	U.S.	August 15, 1939	O
6	2,240,902	U.S.	May 6, 1941	O
7	2,465,374	U.S.	March 29, 1949	O
8	2,264,224	U.S.	November 25, 1941	A/O
9	2,266,953	U.S.	December 23, 1941	O
10	2,719,803	U.S.	October 4, 1955	O
11	2,731,788	U.S.	January 24, 1956	O
12	2,743,450	U.S.	May 1, 1956	O
13	2,855,606	U.S.	October 14, 1958	O
14	2,937,380	U.S.	May 24, 1960	O
15	2,988,457	U.S.	June 13, 1961	O
16	3,094,705	U.S.	June 25, 1963	O
17	3,333,280	U.S.	August 1, 1967	O
18	3,399,642	U.S.	September 3, 1968	A/O
19	3,766,566	U.S.	October 23, 1973	O
20	4,077,066	U.S.	March 7, 1978	O
21	4,141,082	U.S.	February 27, 1979	O
22	4,333,980	U.S.	June 8, 1982	O
23	4,372,998	U.S.	February 8, 1983	O
24	4,549,916	U.S.	October 29, 1985	A/O
25	4,506,615	U.S.	March 21, 1985	O
26	4,555,428	U.S.	November 26, 1985	O
27	4,561,128	U.S.	December 31, 1985	A/O
28	4,803,109	U.S.	February 7, 1989	O
29	5,003,902	U.S.	April 2, 1991	A/O

¹ In this column, "A" indicates a publication that anticipates one or more of The Asserted Claims; "O" indicates a publication that, alone or in conjunction with other prior art, renders obvious one or more of the Asserted Claims; "A/O" indicates a publication that both anticipates and renders obvious, alone or in conjunction with other prior art, one or more of the Asserted Claims.

Pub. No.	Patent Number	Country of Origin	Date of Publication	Anticipation Or Obviousness Art ¹
30	5,063,101	U.S.	November 5, 1991	O
31	120660	Denmark	June 28, 1971	O
32	EP 0 053 639	Europe	December 4, 1980 (filing date)	O
33	1104802	Germany	April 13, 1961	A/O
34	63-127925	Japan		A/O
35	WO 82/ 02553	Japan	August 5, 1982	O
36	491,941	U.K.	December 4, 1936	O
37	572,718	U.K.	October 19, 1945	O
38	607,072	U.K.	August 25, 1948	O
39	641,576	U.K.	August 16, 1950	A/O
40	798,805	U.K.	January 22, 1954	O
41	873,347	U.K.	July 26, 1961	O
42	892,024	U.K.	March 21, 1962	O
43	910,307	U.K.	November 14, 1962	O
44	963,024	U.K.	July 8, 1964	O
45	1,016,107	U.K.	January 5, 1966	O
46	1 494 922	U.K.	December 14, 1977	O
47	1 560 075	U.K.	January 30, 1980	O
48	GB 2 030 844 A	U.K.	April 16, 1980	O
49	GB 2 046 171	U.K.	November 12, 1980	O

NON-PATENT PUBLICATIONS

The following prior art publications anticipate and/or render obvious one or more of The Asserted Claims.

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
50	A User's Guide to Fusible Interlinings		African Textiles	Feb 1984	54, 56	O
51	Pressing Without Pressure	Disher, Margaret	African Textiles	Feb 1990	50, 52-53	O
52	Soft or Stiff	Disher, Margaret	African Textiles	Oct 1990	73-74	O
53	Modern Topfuse Technology	Robers, Felix	African Textiles	Feb 1991	48-49	O
54	The Importance of Interlinings	Williams, Ken	African Textiles	Jun 1991	53-54	O
55	Making-Up Problems	Robers, Felix	African Textiles	Apr 1994	36-37	O
56	WR Trend Drive Fusing Intros	DeWitt, John	Apparel Industry Magazine	Sep 1994	106-109	O
57	Fusing Effectiveness Advances the Engineered Garment		Apparel International	Feb. 1982	31, 33	O
58	Making Fusible Tape Make Fashion	Kargl, Geoffrey	Apparel International	Feb. 1982	34	O
59	Fusing: What Price the Alternatives?	Clark, Kenneth	Apparel International	Aug. 1982	11	O
60	DS -An Entirely New Way to Fuse Garment Assemblies		Apparel International	Sept. 1982	12, 13	O
61	Formprint Process		Apparel International	Sept. 1982	15	O
62	Fusibles Alternatives		Apparel International	Sept. 1982	17	O
63	More New Fusing Advances		Apparel International	Feb. 1983	13, 15	O
64	More New Fusing Advances (note: same as Pub. No. 63)		Apparel International	Feb. 1983	13, 15	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
65	Fusing		Apparel International	Aug. 1983	25	O
66	Reel-to-Reel Fusing Advance		Apparel International	Oct. 1983	15, 17, 18	O
67	Shoe Tec '83		Apparel International	Oct. 1983	19	O
68	Advance in Nonwoven Shirt Quality		Apparel International	Nov. 1983	16	O
69	Interlining Developments		Apparel International	Nov. 1983	16	O
70	Sonic Welding in Garment Assembly	Lines, David	Apparel International	May 1984	14-15	O
71	New Machinery - Advanced U.S. Equipments		Apparel International	Apr. 1985	27, 29	O
72	Suppliers News: - Fusibles, Machinery and Packaging		Apparel International	June 1985	25, 27	O
73	Pressing and Fusing Technology: Cologne Show Highlights		Apparel International	Sept. 1985	8-11	O
74	Fusing: Discussions with Finishers		Apparel International	Nov. 1985	11	O
75	Suppliers' News: Interlining Developments		Apparel International	Aug. 1986	31	O
76	Fusing: BIMA's Combining for Life' Symposium	Bradford	Apparel International	Dec. 1986	29	O
77	Fusing Technology		Apparel International	Jan. 1990	27	O
78	Frame Fusing for the 90's Look	Levin, Selwyn	Apparel International	May 1990	20-21	O
79	Shirt Making		Apparel International	May 1990	29	O
80	World's Largest Press Manufacturing Facility		Apparel International	June 1990	27, 29	O
81	Interlinings to Meet New Fashion Needs		Apparel International	Mar. 1993	32, 33	O
82	Lighter Weight, More Supple Fusibles Top Interlining Offerings		Apparel World	Oct 1981	55-59	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
83	How to Cut and Sew Stretch Knits	Kahn, Irwin	Apparel World	May 1982	43-45	O
84	Kannegiesser's New DS Machine for Paste-Fusing, Regular Fusing		Apparel World	Feb 1983	39-40	O
85	Pellon Offers Fusible for Wide Temperature Range		Apparel World	Feb 1983	41	O
86	Clothing Designers Offered Greater Interlining Alternatives		Apparel World	Nov 1983	54-60	O
87	Crown's New Management Team Invests Millions in Modernization	Dlaboha, Ihor	Apparel World	Apr 1984	37-44	O
88	Interfacings Do Enhance a Garment's Appearance	Shoer, Joan and Paralis, June	Apparel World	Aug 1984	12-13	O
89	Pellon Markets Range of Non-Woven Fusibles for Shirts, Blouses		Apparel World	Aug 1984	18	O
90	Interfacing Suppliers Display Products for Wide Apparel Applications		Apparel World	Nov 1984	52-56	O
91	Fusibles: Section 1: Interlinings, Part 1	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Sept. 1973	168,169, 172, 176, 180	O
92	Fusibles: Section 1: Interlinings, Part 2	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Oct. 1973	114,, 116, 117	O
93	Fusibles: Section 1: Interlinings, Part 3	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Nov. 1973	112-116	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
94	Fusibles: Section 1: Interlinings, Part 4	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Dec. 1973	126	O
95	Fusibles: Section 2: Equipment, Part 1	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Jan. 1974	94-96	O
96	Fusibles: Section 2: Equipment, Part 2	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Feb. 1974	109, 112	O
97	Fusibles: Section 2: Equipment, Part 3	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Mar. 1974	104, 106, 108	O
98	Fusibles: Section 2: Equipment, Part 4	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Apr. 1974	123-125	O
99	Fusibles: Section 3: Applications, Part 1	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	May 1974	136, 138, 140-1	O
100	Fusibles: Section 3: Applications, Part 2	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	June 1974	100, 102, 104, 131	O
101	Fusibles: Section 3: Applications, Part 3	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	July 1974	116 - 119	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
102	Fusibles: Section 3: Applications, Part 4	Aass, Truls; Clay, Taylor; and Morrison, Graham	Bobbin	Aug. 1974	148	O
103	Fusing: A Summary	Stern, John	Bobbin	Aug 1976	150-152	O
104	Threads: A Checklist for "Seam Pucker"	Yowell, Ed	Bobbin	Mar. 1977	86	O
105	Supplier Focus: Interlinings	Fisher, Larry	Bobbin	Feb 1979	155-6, 158-9	O
106	Interlining Substrates	DuPont	Bobbin	Feb. 1979	160	O
107	Fusible Interlinings: What the Apparel Manufacturer.....	Dressner, Gerald	Bobbin	Feb. 1979	162	O
108	Special Report: Shrinkage	Astle, Sydney	Bobbin	Feb. 1979	164, 166	O
109	Thirty Years of Fusibles	Tattersall, Roger	Bobbin	Feb. 1979	168, 170-172	O
110	Trouble-Spots in Interlinings	Stern, John	Bobbin	Feb. 1979	174	O
111	Interlinings: Constantly Changing and Improving	Russell, William	Bobbin	Feb. 1979	176, 178	O
112	Continuous Fusing Methods	Meyer, Herbert	Bobbin	June 1979	168-170	O
113	Questionnaire: Fusing and Pressing (1)	Herbert Kannegiesse r Corp.	Bobbin	June 1979	172-174, 176, 178	O
114	Questionnaire: Fusing and Pressing (2)	P. Lemaire & Co.	Bobbin	June 1979	180, 182	O
115	Scotch Tape in the Sewing Room		Bobbin	June 1980	46-50	O
116	Equipment and Services: Fusible Shoulder Pads		Bobbin	June 1980	196-197	O
117	Glossary of Fusible Interlining Technology	INDA Association of the Nonwoven Fabrics Industry	Bobbin	Oct 1981	57-59	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
118	Adhesives and Their Application in Garment Construction	Off, Joseph	Bobbin	Jan 1983	77-78, 80, 82, 84	O
119	Seam Pucker – The Solution		Bobbin	Mar 1983	193-196	O
120	Mechanizing the Sewing Room	Sheperd, Jacob N.	Bobbin	May 1987	92, 93	O
121	Needle Selection: Not in a Haystack	Glassman, Lee	Bobbin	May 1987	94-95	O
122	One Company that Didn't "Lose Their Shirts"	Tray, Anne Imperato	Bobbin	May 1987	96	O
123	Robotics Advance Softly	Lower, James	Bobbin	May 1987	106, 108, 110, 112, 113	O
124	Joining Forces for Defense	Tray, Anne Imperato	Bobbin	May 1987	114	O
125	Jets-In-Time: 13 Operations Can Go	Schramyr, Ernst	Bobbin	May 1987	116-119, 151	O
126	"Hot" Progress in Tailored	Saxon, Ted	Bobbin	Jan 1988	80, 82-83, 86, 88, 90	O
127	Research Not Out of Reach	Mitchell, Bill	Bobbin	Apr 1988	90, 98	O
128	Interfacings Tailored to Lighter Fabrics	Rudie, Raye	Bobbin	May 1989	110, 112	O
129	Advances in Fusible Technology for Men's Tailored Clothing	Schmida, David	Bobbin	Oct. 1990	104, 106, 108, 110, 112	O
130	Interlinings Carry New Weight	Cedrone, Lisa	Bobbin	Dec 1991	64-65	O
131	Permanent Press Takes on the '90's	Sussman, Richard J.	Bobbin	May 1993	60, 62, 64	O
132	Permanent Press Makes a Smooth Comeback	Rudie, Raye	Bobbin	May 1993	66, 68, 70	O
133	Fusibles – The Next Five Years	Dicks, John	British Clothing Manufacturer	Jan 1973	12, 13, 17	O
134	Machines to Meet New Materials		British Clothing Manufacturer	Jan 1973	18, 19	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
135	Progressive Front Construction Techniques with Knit Fabric	Levin, Selwyn	British Clothing Manufacturer	Jan 1973	22, 23	O
136	Techniques to Meet the New Manufacturing Demands	Sellers, Geoffrey	British Clothing Manufacturer	Jan 1973	25, 28	O
137	New Fusibles Advance		British Clothing Manufacturer	Jun 1973		O
138	International Fusing and Pressing Advances		British Clothing Manufacturer	July 1973		O
139	International Fusing and Pressing Advances		British Clothing Manufacturer	Aug. 1973		O
140	Return to a lively bonded fabrics scene		British Clothing Manufacturer	Sept. 1973	25, 27	O
141	Non-iron Shirts	Gutermann, Perivale	British Clothing Manufacturer	Oct. 1973	5	O
142	Bonded Standards Advance	Chapman, Arthur	British Clothing Manufacturer	Oct. 1973	28	O
143	Non-iron Shirts	Gutermann, Perivale	British Clothing Manufacturer	Nov. 1973	64, 69	O
144	Prescription for Cotton Shrinkage		British Clothing Manufacturer	Mar 1974	41, 44	O
145	Bonding Qualities Advance with Properly "Engineered" Fabrics	Matheson, Norma	British Clothing Manufacturer	June 1974	22	O
146	Personal View: Development of Management Talent	Drew, Ralph	British Clothing Manufacturer	June 1974	23	O
147	The Extra Edge in Fusibles Technology		British Clothing Manufacturer	Aug 1974	31-33	O
148	A Worthy Leader in Fusibles Pressing		British Clothing Manufacturer	Aug 1974	34	O
149	The Fusing Future Sandwich Techniques	Hawkswell, David	British Clothing Manufacturer	Nov. 1974	54-55	O
150	Use of Fusible Strips in Garment Making	Disher, Margaret	British Clothing Manufacturer	Jan 1975	27	O
151	A Fusing Future 1	Rose, Len	British Clothing Manufacturer	June 1975	14-15	O
152	A Fusing Future 2	Levin, Selwyn	British Clothing Manufacturer	June 1975	48-49	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
153	A Future Role for Fusibles	Williams, Ken	British Clothing Manufacturer	Jan 1976	38	O
154	Standard Data in Fashion Wear	O'Driscoll, P.V. J.	British Clothing Manufacturer	Mar. 1976	71	O
155	Europeans Visit the Training Board		British Clothing Manufacturer	Apr. 1976	83	O
156	Adhesives in Garment Fabrication		British Clothing Manufacturer	July 1976	11	O
157	Collar Banding with Adhesives		British Clothing Manufacturer	Oct 1976	56, 59	O
158	Castletex: New Fusible Techniques		British Clothing Manufacturer	Oct 1976	58	O
159	Fusibles	Johnston, J.R.M.	British Clothing Manufacturer	Jan 1977	25-27, 29, 30	O
160	Datelines		British Clothing Manufacturer	Jan 1977	32	O
161	Adhesive Films for Apparel	Starbuck, Herman S.	British Clothing Manufacturer	Feb 1977	20	O
162	Overcoming Shirt and Blouse Pucker Problems		British Clothing Manufacturer	July 1977	47	O
163	How "Total FFF" helps Entire Clothing Trade Requirements	Longley, Keith	British Clothing Manufacturer	July 1977	49	O
164	Sales Link by Meldex and BFF		British Clothing Manufacturer	July 1977	51	O
165	Date Lines - Tricky Fabric Fusing		British Clothing Manufacturer	Oct 1977	39	O
166	Fashion Fusing		British Clothing Manufacturer	Dec 1977	20	O
167	Fusing News: The Advance of Fusing	Levin, Selwyn	British Clothing Manufacturer	Jan 1978	17, 20-22	O
168	Sewing Techniques: Advances in jacket shoulder sewing		British Clothing Manufacturer	Apr 1978	41	O
169	BIMA News: Interlining trouble shooting guide		British Clothing Manufacturer	Jun 1978	15	O
170	Fusing Machinery and Methods		British Clothing Manufacturer	Jun 1978	21, 24, 25	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
171	BIMA News: Trouble Shooting Garment Fusing Guide		British Clothing Manufacturer	Sep 1978	25	O
172	Production Techniques: A Fashion Revolution		British Clothing Manufacturer	Sep 1978	26, 27, 33	O
173	The Fusing Process: Controlling the fusing process		British Clothing Manufacturer	Jan 1979	37-38	O
174	Fusing and Fusibles – Ensuring that “hidden quality”		British Clothing Manufacturer	Mar 1979	11	O
175	Fusible Futures		British Clothing Manufacturer	May 1980	42-43	O
176	Letters: Fusibles: Suppliers reply		British Clothing Manufacturer	Jun 1980	23, 41	O
177	Letters: Fusibles progress		British Clothing Manufacturer	Sep 1980	51	O
178	Technical: For Fashionable armhole seams		British Clothing Manufacturer	Mar 1981	13	O
179	Looking to Fusibles: The Progress with Polyester	Tattersall, Roger	British Clothing Manufacturer	May 1981	30-31	O
180	Bonding, Fusing & Laminating: Leisure Suits May Spur Fusible Interlining Use Dress Shirt Mffs. Mixed on Fused Collar Usage	Stuart, Frank	Daily News Record	Jul 1974	14, 16	O
181	Cotton, Inc. Exec Says Mills Can Keep the Market Hot	Maycumber, S. Gray	Daily News Record	Mar 1987	8	O
182	Extended Range Fusibles to be Offered by Pellon; Bobbin Show – American Apparel Manufacturers Association Convention 1988		Daily News Record	Sep 1988		O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
183	Eton; Syd Jerome's New Line of Eton Dress Shirts	Sharoff, Robert	Daily News Record	Dec 1992	3	O
184	Back-in-the-Black Farah Plans Aggressive Marketing Strategy	Vargo, Julie	Daily News Record	Mar 1993	2	O
185	Wall St. Hot on Wrinkle-Resistant Biz in Men's Apparel but Cool on Fleece and T-Shirt Areas in Near Future	Siegel, Jeff	Daily News Record	Sep 1993	3	O
186	Orders Being Written at Bobbin Show for Wrinkle-Resistant Ovens, Presses	Black, Jeff	Daily News Record	Oct 1993	2	O
187	Shirt Makers are Pressing on to Develop Cotton WR Tops; Could be on the Market by Father's Day; Wrinkle-Resistant Dress Shirts	Spevack, Rachel	Daily News Record	Oct 1993	6	O
188	Textile Mills Gearing up for Expansion of WR into New Apparel Areas; Wrinkle-Resistant Textiles	Maycumber, S. Gray	Daily News Record	Oct 1993	18	O
189	Wrinkle-Resistant Developments Fresh out of the Oven; Dress Shirts	Hart, Elena	Daily News Record	Nov 1993	7	O
190	Salant Launches WR Dress Shirts under its Thomson Label; Salant Menswear Group, Wrinkle-Resistant	Hart, Elena	Daily News Record	Dec 1993	3	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
191	WR Sails Smoothly into New Areas; Spotlight Turns to Dress Shirts and Shorts, Tops; Wrinkle-Resistant Clothing	Hart, Elena	Daily News Record	Dec 1993	6	O
192	Yule WR Slacks Biz Strong in Northeast; Dep't Stores Excited About New Products; Holiday Sales of Wrinkle-Resistant Slacks	Peres, Daniel	Daily News Record	Dec 1993	8	O
193	Dress Shirt Firms Move into the Mostly-Cotton Fabric Concept for WR Products for Fall '94; Many Firms Feel Mostly-Cottons Have Wider Consumer Appeal than All-Cottons	Hart, Elena	Daily News Record	Jan 1994	6	O
194	WR Sport Shirt Field Gains Ground for Fall Launch; Major Vendors to Introduce All-Cotton Lines	Spevack, Rachel	Daily News Record	Jan 1994	9	O
195	WR Sport Shirt Field Gains Ground for Fall Launch; Major Vendors to Introduce All-Cotton Lines	Spevack, Rachel	Daily News Record	Jan 1994	9	O
196	WR Shirts Keep Equipment Makers Humming; Wrinkle-Resistant Cotton Shirts	Nannery, Matt	Daily News Record	Apr 1994	12	O
197	WR Shirt-Puckering Puts Fusing on Front Burner; Big Boon for Interlining Firms	Nannery, Matt	Daily News Record	Oct 1994	4	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
198	Education for the Apparel Industry – Southern Technical Institute		Eastern Apparel Magazine	Feb 1976	28-36, 44	O
199	New Fusible Technology: Marketing is the Key	Roberts, Pat	Eastern Apparel Magazine	Jul 1977	30-34	O
200	Apparel Manufacturing in the 90[s – Exploring Future Opportunities		IARC	Oct 1982		O
201	Adhesives and Their Application in Garment Constructions	Off, Joseph W.A.	IARC	Oct. 1982	59-61, 11, 159, 160-162	O
202	Blueprint for the Future (Advanced Apparel Technologies)		IARC	Oct. 1988		O
203	Assembly Session – Stitchless Joining, Molding and Ultrasonics	Brause, Arthure	IARC	Oct 1988	143	O
204	Automated Process for Garment Manufacturing	Stern, Brett	IARC	Oct 1988	1-13	O
205	Fabric Condensing	Larson, Glenn	IARC	Oct.1988		O
206	Use of Permanently Pressure-Sensitive Chemical Adhesives in Robot Gripping Devices	Monkman, G.J. and Shimmin, C.	Int'l Journal of Clothing Science & Tech	Apr 1991	6-17	O
207	Waterproof Seaming Made Simple		High Performance Textiles	Sep 1985	3-4	O
208	Decorative Top Stitch Effects on Poplin Garments-Possibilities and Limits of A Styling Method by Sewing	Robers, Felix	J.S.N. International	Bobbin Show 1986	18-21	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
209	How to Use Attachments - Labour-Saving Efforts Stepped Up by Even Small Attachments		J.S.N. International	JIAM Osaka 1987	32-34	O
210	BFF's New Interlinings and Coatings at IMB '91		J.S.N. International	IMB Koin 1991	110	O
211	Don't You Have Difficulty in Attaching Shoulder Tapes Very Well?	Pegasus Sewing Machine Mfg. Co., Ltd.	J.S.N. International	Sep 1977	48-49	O
212	Making-Up Top-Fused Shirt Collars	Robers, Felix	J.S.N. International	Jan 1980	26-31	O
213	How to Fight Shrinkage when Using Continuous-Operation Fusing Machines	Roos, Ing. F. J. (Rotex Maschinen)	J.S.N. International	Jun 1980	21-22	O
214	Optimisation of the Fusing Parameters in Practice	Backes, Ing. (Kufner Textilwerke KG)	J.S.N. International	Aug 1980	12-14	O
215	Up-to-Date Collar Production for Ladies' Brouses [Blouses]	Robers, Felix	J.S.N. International	Feb 1981	20-22	O
216	The Anatomy of the Modern Collar	Robers, Felix	J.S.N. International	May 1981	32-36	O
217	Practical Testing of Shirt Interlinings Quality and Performance	Robers, Felix	J.S.N. International	Jun 1981	24-27	O
218	Machine Sewing of Men's Garments	Tokyo Juki Industrial Co., Ltd.	J.S.N. International	Oct 1981	34-47	O
219	Rimoldi Markets Five New Sewing Machines		J.S.N. International	Mar 1982	14-15	O
220	Rimoldi's Main New Machines at IMB 1982		J.S.N. International	Aug 1982	36-38	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
221	All About Polo Collars	Pfaff Industriemaschinen GmbH	J.S.N. International	Jan 1986	38,40	O
222	Introduction of Interlining (1) Kinds and Features of Interlinings	Hisatune, Eijiro	J.S.N. International	Apr 1986	34,36	O
223	Introduction of Interlining (2) Adhesives and Selection of Fusible Interlinings	Hisatune, Eijiro	J.S.N. International	May 1986	42-44	O
224	Introduction of Interlining (3) Interlining Fusing Management	Hisatune, Eijiro	J.S.N. International	Jun 1986	24, 27-28	O
225	Making-Up Techniques of Men's Shirts – The Seam Integrated Sleeve Vent Facing	Robers, Felix	J.S.N. International	Sept 1986	19-21	O
226	Measurement of Seam Pucker	Galuszynski, Dr. S.	J.S.N. International	Nov 1986	26, 28, 30-31	O
227	Labour-Saving Efforts Stepped Up by Even Small Attachments		J.S.N. International	Apr 1987	16, 18-19	O
228	One-piece Collars in Two-piece Look – Background, Way and Target of An Interesting Idea	Robers, Felix	J.S.N. International	Sep 1987	24, 26-29	O
229	Closing Shoulder Seams and Stitching in Collars on Polo-neck Shirts and Casual Wear		J.S.N. International	Jan 1989	29	O
230	Prefabricated Interlinings – Factor of Costs or Possibility of Savings	Robers, Felix	J.S.N. International	July 1989	10-14	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
231	High-Quality Shirts – Economically Made	Pfaff Industriemaschinen GmbH	J.S.N. International	Jan 1990	40-42	O
232	Problems of Progressive Production Procedures: “Strike through” when topfusing – causes and solutions	Robers, Felix	J.S.N. International	Apr 1990	10-12, 14, 16, 18, 20-21	O
233	Programmed Fullness Control: Pfaff 3801 ... Now with “Teach-in” Microprocessor Control		J.S.N. International	Nov 1990	38-39	O
234	Microfibre fabrics – advantages and making-up behaviour of a new material generation	Robers, Felix	J.S.N. International	Jan 1992	12, 14, 16-20	O
235	Previous Knowledge of the Introduction of Fusing Press (1)	Hashima Co., Ltd.	J.S.N. International	Dec 1992	42-43	O
236	Previous Knowledge of the Introduction of Fusing Press (2)	Hashima Co., Ltd.	J.S.N. International	Feb 1993	38-40	O
237	Shirts and Shirting – Past and Present	Robers, Felix	J.S.N. International	Feb 1994	23-	O
238	Diversifying Materials for Collar-Making		JTN	Jun 1972	71-73	O
239	Knit Wear Making, Using Fusible Interlining	Japan Vilene Co., Ltd.	JTN	Jun 1972	74-76	O
240	Fusing Press: Its Present Situation and Problems	Japan Vilene Co., Ltd.	JTN	Dec 1972	34-36	O
241	Development of New Interlinings	Abeichi Shoji Co., Ltd.	JTN	Dec 1972	76-77, 81	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
242	Technical Problems in Using Fusible Interlinings	Doi, Seiji (Nippon Cloth Industry Co., Ltd.)	JTN	Dec 1972	78-79	O
243	New Trend of Interlining for Dress Shirts	Tamura, Shinjuro (Nitto Boseki Co., Ltd.)	JTN	Dec 1972	80-81	O
244	Interlinings Now on Sunny Business Side		JTN	Jul 1973	77-79	O
245	Upgrading of Japanese Interlinings		JTN	Dec 1973	88-92, 95	O
246	How to Use Filament Interlinings	Wada, Yasuko (Kuraray Co., Ltd.)	JTN	Dec 1973	93-95	O
247	Hong Kong Textile Enterprises Entering New Era for International Division of Labor		JTN	Feb 1974	57-59	O
248	Japanese Interlining Industry Trying to Tide Over Depression		JTN	Sep 1974	68-71	O
249	Claretta Fusible Interlining		JTN	Sep 1974	72-73	O
250	A Press Machine for Fusible Interlining of Garments	Kiyohara, Hifumi (Tokyo Juki Industrial Co., Ltd.)	JTN	Jun 1975	89-91	O
251	Interlining Industry Getting Over Depression		JTN	Sep 1975	71-73	O
252	From Sewing to Fusing	Werner, M. (Kufner Textilewerk e KG)	JTN	Sep 1975	74-75	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
253	Top Fusible Interlining	Nakayama, Shigeru (Kinsen Co., Ltd.)	JTN	Dec 1975	67-69	O
254	Making Up of Knit Shirts	Watanabe, Yoshio (Pegasus Sewing Machine Mfg. Co., Ltd.)	JTN	Feb 1976	78-82	O
255	New Types of Interlining		JTN	Mar 1976	37-39	O
256	Problems of Progressive Production Methods: Practical Analysis of the Topfuse Technique	Robers, Felix (NINO AG)	JTN	Oct 1976	76-79	O
257	Increasing Demand for Fusible Interlining		JTN	Mar 1977	57-57-58	O
258	A New Type of Feeding Machine	Pegasus Sewing Machine Co., Ltd.	JTN	Aug 1977	48	O
259	Sports-, Leisure-, and Rainwear in Poplin Causes of Making-up Problems and Their Solution	Robers, Felix (NINO AG)	JTN	Jan 1978	88-92	A/O
260	Japanese Fusible Interlining – About to Develop into New Field		JTN	Mar 1978	58-59	O
261	Technical Achievement in Nonwoven Interlining Field		JTN	Mar 1978	60	O
262	Diversifying Interlinings for Shirts		JTN	Mar 1978	61	O
263	Japanese Fusible Interlining Has Conquered Thin Type Fabrics		JTN	Sep 1978	109	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
264	Resin-Finishing of Cotton and Polyester/Cotton Blended Fabrics (Part I)	Sumitomo Chemical Co.	JTN	Jan 1979	98-102	O
265	Resin-Finishing of Cotton and Polyester/Cotton Blended Fabrics (Part II)	Sumitomo Chemical Co.	JTN	Feb 1979	93-96	O
266	Present Situation of the Interlining Industry: Interlining Makers Coping with Dull Demand		JTN	Mar 1979	66-68, 81	O
267	Interlining for Shirts	Tamura, Shinjuro (Nitto Boseki Co., Ltd.)	JTN	Mar 1979	69-72	O
268	TAL Takes Giant Leap to Prosperity		JTN	Sep 1979	60-63	O
269	"Look, No Pucker" advertisement (Mitsubishi)		JTN	Nov 1979		O
270	Trend of Non-Woven Interlinings for Clothing	Japan Vilene Company Ltd.	JTN	Feb 1980	62-63	O
271	How to Bond Fusible Interlining Properly – Necessary Conditions for Fusing of Interlining	Fusible Interlining Council	JTN	Mar 1980	90-94	O
272	How to Bond Fusible Interlining Properly – Kinds and Features of Fusing Machines	Japan Fusible Interlining Conference	JTN	Apr 1980	66-71	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
273	How to Bond Fusible Interlining Properly – Adjustment and Control of Press Machine	Japan Fusible Interlining Conference	JTN	May 1980	73-75	O
274	How to Bond Fusible Interlining Properly – How to Bond Interlining	Japan Fusible Interlining Conference	JTN	Jun 1980	55-56	O
275	How to Bond Fusible Interlining Properly – Confirmation of the Fusing Result	Japan Fusible Interlining Conference	JTN	Jul 1980	90-92	O
276	Fusible Interlining Develops at Japanese Makers		JTN	Sep 1980	82-86	O
277	Nittobo Interlinings Contributing to the Growth of Shirts Industry		JTN	Nov 1980	74-75, 87	O
278	Testing Method for Fusible Interlining	Japan Fusible Interlining Conference	JTN	Dec 1980	61-62	O
279	When it Comes to Interlining, Nittobo Will Answer		JTN	Nov 1981	55-56	O
280	Re: Adhesive Lining (Remarks on Use)	Tamura, Shinjuro (Nitto Boseki Co., Ltd.)	JTN	Sep 1984	36-40	O
281	Prevailing Fusible Interlinings		JTN	May 1985	84-89	O
282	Movements of Japanese Interlining Business Circle – Showing Steady Sales		JTN	Feb 1986	92-96	O
283	Fusible Interlinings Changing Garment and Production Process		JTN	May 1987	66-68	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
284	For Easy Understanding of Fusible Interlinings and the KES Evaluation Method	Nagano, Satoru (Dynic Corporation)	JTN	Sep 1992	62-69	O
285	What's Up in Dress Shirt Fabrics		JTN	Aug 1993	26-27	O
286	Feeling for quality in interlining markets		Manufacturing Clothier	Jan 1973	33-34, 36, 39-40, 42-44	O
287	Interlinings – their manufacture and use	Kaltsoyannis, A. and Edward Webb and Son	Manufacturing Clothier	Feb 1973	37-38	O
288	Recent developments of fusible interlinings for use in shirts	Nethercliffe, John	Manufacturing Clothier	Mar 1974	12, 14-15	O
289	Mechanization of the Finishing Department	Stone, Mike	Manufacturing Clothier	Oct. 1975	38-39	O
290	Mechanization of the finishing department	Stone, Mike	Manufacturing Clothier	Oct 1975	38-39	O
291	Forepart Fusing		Manufacturing Clothier	Sept 1976	34-35	O
292	Forepart Fusing		Manufacturing Clothier	Oct 1976	38-39	O
293	Forepart Fusing		Manufacturing Clothier	Nov 1976	56,-57	O
294	Organization and Methods – Softer, Lighter Fusibles		Manufacturing Clothier	Jun 1977	41-43	O
295	Organization and Methods – Seam Pucker – Why Blame the Thread?		Manufacturing Clothier	July 1978	47-48, 51	O
296	Staples Group of Companies	Levin, Selwyn	Manufacturing Clothier	Sep 1978		O
297	Thirty Years of Fusibles	Tattersall, Roger and Bondmor, Tootal	Manufacturing Clothier	Sep 1978		O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
298	Reflects Upon an Interesting Aspect of Product Development	Davis, Denis	Manufacturing Clothier	Sep 1978		O
299	Fusible Interlinings Limited		Manufacturing Clothier	Sep 1978		O
300	Everbond Interlinings		Manufacturing Clothier	Sep 1978		O
301	Bonded Fibre Fabric		Manufacturing Clothier	Sep 1978		O
302	DHJ		Manufacturing Clothier	Sep 1978		O
303	British Interlining Manufacturers Association/Mitchell Interflex Ltd.		Manufacturing Clothier	Sep 1978		O
304	Reliant Tooling/Vertex Engineering/B&W Fusing Presses		Manufacturing Clothier	Sep 1978		O
305	E. Rubinstein and Sons		Manufacturing Clothier	Sep 1978		O
306	A New Rating System for Fusibles		Manufacturing Clothier	July 1979	45-46	O
307	Unseemly seam pucker		Manufacturing Clothier	Oct 1979	55, 57	O
308	Fusing Technique	Disher, Margaret	Manufacturing Clothier	Feb 1980	45	O
309	Interlinings – An exclusive supplement to Manufacturing Clothier	Ingham, Stephanie	Manufacturing Clothier	Dec 1980	1	O
310	Tootal Bondmor		Manufacturing Clothier	Dec 1980		O
311	Trubenised		Manufacturing Clothier	Dec 1980	5, 7	O
312	Something for Everyone	Disher, Margaret	Manufacturing Clothier	Apr 1981	43, 45, 47, 49, 51	O
313	The do's and don'ts of fusing		Manufacturing Clothier	Aug 1983	35-37	O
314	Everbond comes of age		Manufacturing Clothier	Apr 1984	55	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
315	Finer, lighter slotted tapes		Manufacturing Clothier	Apr 1985	37, 39	O
316	Reinforcing Fabric		Manufacturing Clothier	Nov 1985	25, 27, 29	O
317	The theory of adhesion applied to fusible interlinings		Manufacturing Clothier	Mar 1986	55, 57, 59-60	O
318	Spoilt for Choice		Manufacturing Clothier	Feb 1987	37, 39, 41	O
319	The Art of Interlining		Manufacturing Clothier	Apr 1989	17, 19, 21	O
320	Fusing Continues to Grow at Rapid Pace	Union Special	Needle's Eye, The	Feb 1972		O
321	Make Quick, Pucker-Free Felled Seams on Sleeves and Shoulders	Union Special	Needle's Eye, The	Jun 1992	20-21	O
322	Making-up easy-care Shirts and Blouses		Readywear	II-1980	10-13	O
323	Fusing revolutionized by High Frequency	Backes, H.	Readywear	IV-1980	20-23	O
324	Interlining line-up	Kufner Tectilewerk e KG, Munich	Readywear	V1980	28-32	O
325	Interlining Manufactures reveal the Dangers of Economising at the wrong end		Readywear	II-979	24-29	O
326	A Revolution in Process		Readywear	V-VI 1979		O
327	Propping up the "unconstructed"		Readywear	VII-VII 1978	28-33	O
328	The Causes of mysterious faults when fusing collars and cuffs	Koula, Dipl.-Ing. Z.	Readywear	II-1982	32-33	O
329	Focus on Interlinings		Readywear	II 1983	29-35	O
330	Choice of fusible resins related to garment manufacture		Readywear	I-1984	31-34	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
331	Patch fusing, long fusing, top fusing – CONfusing?	Robers, Felix	Readywear	II 1985	45-49	O
332	Bi-adhesive Interlinings and their Advantages	Robers, Felix	Readywear	II 1986	42-44	O
333	Fusing quality with economy		Readywear	I/1989	61-64	O
334	The Impact of pressing and fusing	Ballon, Hector	Readywear	II/1990	68-70	O
335	The Collar as a fashion element	Robers, Felix	Readywear	II/1990	80-81	O
336	Modern sleeve setting machines	Moll, Phillipp	Readywear	I/1993	44-46, 48-49	O
337	Sewing threads		Readywear	II/1993	33-34	O
338	Imis and their anatomy	Robers, Felix	Readywear	II/1994	64-67	O
339	Light, soft, always presentable – Interlining developed for rainwear		Readywear	Jan 1976		O
340	We make it easier for you - Production Project 2 – Shirts		Readywear	Mar 1976	103-110	O
341	An evaluation of present top fusing techniques	Robers, Felix	Readywear	Mar 1976	111-112, 137-139	O
342	Fusible Interlinings	H. Rost & Co. Balatroswerke	Readywear	Mar 1976	301	O
343	Fusible Interlinings		Readywear	Feb 1977	21, 23-32, 34, 36-37.	O
344	Production Project Blouses		Readywear	Apr 1977	16, 18-21	O
345	Making up and top fusing Lido shirts	Robers, Felix	Readywear	May 1977	7-10, 12-13	O
346	Production Project Blouses, Part II		Readywear	May 1977	24-27	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
347	Adhesive coatings in relation to fusing conditions	Hefele, Dr. J.	Readywear	Feb 1978	23-28	O
348	Progress Brings Success		Readywear	Mar 1978	20-23	O
349	Top Fusing Interlinings for Shirts and Blouses	Rottgen, Rudolf	Readywear	Apr 1978	16-22, 24	O
350	Pressure Transmission in Fusing Presses	Meyer, Herbert	Readywear	May 1978	40	O
351	(TC) ² – An American Challenge	Kruse, Fritz A.	Readywear	5/1987	39-43	O
352	Shirt interlinings – to be f(used) straight cut or on the bias?	Robers, Felix	Readywear	2/1988	82-85	O
353	Rainwear Fabrics Fused More Efficiently		Readywear	Jan. 1976	20-21	O
354	Production Project 2 – Shirts	Kochs Adler AG	Readywear	Mar. 1976	103-110	O
355	Problems of Progressive Production Methods: An Evaluation of Present Top Fusing Techniques	Robers, Felix	Readywear	Mar. 1976	111-112, 137-139	O
356	Fusible Interlinings		Southern Africa Textiles	Apr 1977	8,10	O
357	Developments in the Clothing Industry	Munden, D.L. and Dorkin, Catherine M.	Textile Progress	1973	41-45	O
358	Methods of Joining Fabrics (only relevant portion copied)		Textiles	Oct 1980	73-75	O
359	Adhesives in the Textile Industry	Sagar, A.J.G.	Textiles	Jan 1987	11-15	O
360	Interlinings	Judd, Peter	Textiles	Mar 1991	11-16	O
361	Base Fabrics Used in Interlining Construction	Judd, Peter	Textiles	Apr 1992	14-16	O
362	Textile Structures for Load-carrying Composites	Niklas Svensson	Textiles Magazine	1998	6-13	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
363	A Report on Fusing in the Apparel Industry	John M. Murray	Apparel Research Foundation Inc.	1970	1-59	O
364	Fusing Is Here To Stay	Union Special Corporation				O
365	The Effect of Fabric Properties on Twin-needle Lap-acam Pucker of Commercial Shirting Fabrics	A. Lam, A. Chan and D. Black				O
366	Fusing Interlinings in Men's Jackets	Staflex (Advertisement)				O
367	The Technology of Clothing Manufacture	Harold Carr and Barbara Latham	Blackwell Science			O
368	Special Service 100-01		[Sewing Machine Manual]			O
369	PFAFF 100-01.01		[Sewing Machine Manual]			O

PUBLISHED STANDARDS

The following standards anticipate and/or render obvious one or more of The Asserted Claims.

Pub. No.	Title	Anticipation Or Obviousness Art
370	British Standard 3870 (1983) – Stitches and seams; Part 2. Classification and terminology of seam types	O
371	British Standard 3870 (1991) – Stitches and seams; Part 1. Classification and terminology of stitch types	O
372	British Standard 3870 (1991) – Stitches and seams; Part 2. Classification and terminology of seam types	O
373	Federal Standard No. 751 A; January 25, 1965 – Stitches, Seams, and Stitchings	O

374	German Standard 4916; 1984	O
375	International Standard 4916; Textiles – Seam types – Classification and Terminology First edition – 1982-089-15	O

ADDITIONAL NON-PATENT PUBLICATIONS

The following prior art publications anticipate and/or render obvious one or more of The Asserted Claims.

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
376	Fusing Technology	Cooklin, Gerry	(book)	1990		O
377	Thermobondierfasern: Ein Fenster zur Zukunft	Fust, Georg	Vliesstoff Nonwoven International	Oct. 1986	340-343	O
378	Die Rolle von Vliesstoffen in der koreanischen Textilindustrie		Vliesstoff Nonwoven International	June 1988	210	O
379	Polyester/Polyethylen – Bikomponentenfaser fuer die thermische Verfestigung von Vliesstoffen	Raidt, P.	Chemiefasern – Textilindustrie	Aug. 1987	690-693	O
380	Einfluss der Parameter der therunische Behandlungen auf die Eigenschaften		[Russian publication]		49-50	O
381	Termofijado: 1 Parte (in Spanish)	Cheng, Stephen K.P.	Confeccion Industrial	1987	24-34	O
382	Termofijado: 2 Parte (in Spanish)	Cheng, Stephen K.P.	Confeccion Industrial	1988	49-54	O
383	Thermisches Trennen und Fugen von Textilien und Textilverbundstoffen	Baeckmann, Reinhard	Jahrgang	May 1989	212-214, 217-218	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
384	Einfluss ausserer und innerer Weichmachung von Copolyamiden auf Schmelzverhalten und konfektions- und gebrauchstechnische Eigenschaften von Fixiereinlagen	Kratz, Guenter; Ind; and Funder, Adolf	Melliand Textilberichte	Apr. 1989	282-290	O
385	Nuevas Tendencias en las Tecnicas de Termofijado	Kannegiesse r, Martin	Confeccion Industrial	1989	48-53	O
386	Mode ist Vielfalt, Zusammenwirken ist Trumpf		B&W, B&M	June 1992	62-63	O
387	Die Herstellung, Eigenschaften und Anwendungen von Schmelzklebefasern	Baron, V.		Sept. 1993		O
388	Fixiereinlagen und ihre Verarbeitung bei Mikro-Geweben	Robers, Felix	DNZ International	Nov. 1993	40-42	O
389	Thermische und Adhaesive Verbindungstechniken fuer technische Textilien	Baeckmann, Reinhard	Kettenwirk-Praxis	Jan. 1988	19-24	O
390	Handbuch der Textilten Fixiereinlagen	Hefe, Josef and Karlheinz Koenen	(book)	1993		O
391	Stabilirea Parametrilor de Termocolare Plisare si Finisare a Produselor de Confectii Pentru Femei	Chriac, Vasile; Pestritu, Gheorghe; and Chriac, Sina	Industria Usoara	1989	171-190	O
392	New Type Top Fuse "MT Series" for Dress Shirts		Kako Gijutu	1987	29-30	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
393	Materials and Methods Used in the Production and Application of Fusible Interlinings	Cusick, G.E.	Textile Institute and Industry	Mar. 1971	67-68	O
394	New Revolutionary Paste Dotcoating Technique for Fusible Interlinings	Goossens, Frans A. (Stork Finishing)	INDA-TEC Conference Materials	Sept. 1993		O
395	Fadenverschiebung in Geweben, und wie man sie verhindert	Ernestus, Juergen	Melliand Textilberichte	Feb. 1988	103-107	O
396	Heat-Sealable Interlining		High Performance Textiles	Jan. 1993	9-10	O
397	Reinforced Nonwovens Made by Simultaneous Needling and Thermobonding		High Performance Textiles	Mar. 1991	1-3	O
398	Nonwoven Bonding Technologies	Jacobsen, Michael	Nonwovens Industry	Oct. 1989	43-53	O
399	Buyers Guide: Interlinings		Manufacturing Clothier	Nov. 1987	43-45	O
400	Polyester Adhesives in Nonwovens and Other Textile Applications	McConnelly, R.L., et al	Journal of Coated Fabrics	Jan. 1987	199-208	O
401	Nonwoven Adhesive Webs (abstract only)		(research disclosure)	Dec. 1977	8	O
402	Fusible Interlinings – Origins and Technology	Rose, Harold	(book)	1979	4, 6, 17-20, 38a, 61, 64, 66, 74, 98, 110, 191a, 223, 231 233-7, 241, 254-75, 283,	O

CHI99 4490155-1.071529.0011

PATENTS

The following prior art patents and published patent applications anticipate and/or render obvious one or more of The Asserted Claims.

Pub. No.	Patent Number	Country of Origin	Issue Date/Date of Publication (EP only)	Anticipation or Obviousness Art ¹
403	1,570,736	U.S.	Jan. 26, 1926	O
404	1,720,771	U.S.	July 16, 1929	O
405	1,787,113	U.S.	Dec. 30, 1930	O
406	1,862,377	U.S.	June 7, 1932	O
407	2,083,199	U.S.	June 8, 1937	O
408	2,095,886	U.S.	Oct. 12, 1937	O
409	2,115,368	U.S.	Apr. 26, 1938	O
410	2,126,756	U.S.	Aug. 16, 1938	O
411	2,201,908	U.S.	May 21, 1940	O
412	2,218,387	U.S.	Oct. 15, 1940	O
413	2,269,797	U.S.	Jan. 13, 1942	O
414	2,313,058	U.S.	Mar. 9, 1943	O
415	2,372,632	U.S.	Mar. 27, 1945	O
416	2,508,331	U.S.	May 16, 1950	O
417	2,520,227	U.S.	Aug. 29 1950	O
418	2,719,806	U.S.	Oct. 4, 1955	O
419	2,774,074	U.S.	Dec. 18, 1956	O
420	2,876,136	U.S.	Mar. 3, 1959	O
421	2,925,642	U.S.	Feb. 23, 1960	O
422	3,435,463	U.S.	Apr. 1, 1969	O
423	3,453,662	U.S.	July 8, 1969	O
424	3,478,366	U.S.	Nov. 18, 1969	O
425	3,481,886	U.S.	Dec. 2, 1969	O
426	3,500,560	U.S.	Mar. 17, 1970	O
427	3,629,866	U.S.	Dec. 28, 1971	O
428	3,664,283	U.S.	May 23, 1972	O
429	3,675,246	U.S.	July 11, 1972	O
430	3,719,956	U.S.	Mar. 13, 1973	O
431	3,738,019	U.S.	June 12, 1973	O

¹ In this column, "A" indicates a publication that anticipates one or more of The Asserted Claims; "O" indicates a publication that, alone or in conjunction with other prior art, renders obvious one or more of the Asserted Claims; "A/O" indicates a publication that both anticipates and renders obvious, alone or in conjunction with other prior art, one or more of the Asserted Claims.

Pub. No.	Patent Number	Country of Origin	Issue Date/Date of Publication (EP only)	Anticipation or Obviousness Art ¹
432	3,881,041	U.S.	Apr. 29, 1975	O
433	3,884,632	U.S.	May 20, 1975	O
434	3,933,105	U.S.	Jan. 20, 1976	O
435	3,960,482	U.S.	June 1, 1976	O
436	3,961,125	U.S.	June 1, 1976	O
437	3,973,506	U.S.	Aug. 10, 1976	O
438	4,067,688	U.S.	Jan. 10, 1978	O
439	4,144,538	U.S.	Mar. 13, 1979	O
440	4,156,293	U.S.	May 29, 1979	O
441	4,190,010	U.S.	Feb. 26, 1980	O
442	4,225,699	U.S.	Sept. 30, 1980	O
443	4,227,470	U.S.	Oct. 14, 1980	O
444	4,247,345	U.S.	Jan. 27, 1981	O
445	4,263,678	U.S.	Apr. 28, 1981	O
446	4,321,710	U.S.	Mar. 30, 1982	O
447	4,324,004	U.S.	Apr. 13, 1982	O
448	4,327,447	U.S.	May 4, 1982	O
449	4,434,512	U.S.	Mar. 6, 1984	O
450	4,473,908	U.S.	Oct. 2, 1984	O
451	4,480,772	U.S.	Nov. 6, 1984	O
452	4,530,865	U.S.	July 23, 1985	O
453	4,546,497	U.S.	Oct. 15, 1985	O
454	4,571,745	U.S.	Feb. 25, 1986	O
455	4,593,418	U.S.	June 10, 1986	O
456	4,604,152	U.S.	Aug. 5 1986	O
457	4,605,578	U.S.	Aug. 12, 1986	O
458	4,648,137	U.S.	Mar. 10, 1987	O
459	4,649,573	U.S.	Mar. 17, 1987	O
460	4,690,078	U.S.	Sep. 1, 1987	O
461	4,737,212	U.S.	Apr. 12, 1988	O
462	4,775,581	U.S.	Oct. 4, 1988	O
463	4,825,472	U.S.	May 2, 1989	O
464	4,937,884	U.S.	July 3, 1990	O
465	4,939,794	U.S.	July 10, 1990	O
466	4,939,844	U.S.	July 10, 1990	O
467	4,989,269	U.S.	Feb. 5, 1991	O
468	5,070,542	U.S.	Dec. 10, 1991	O
469	5,083,315	U.S.	Jan. 28, 1992	O
470	5,123,367	U.S.	June 23, 1992	O
471	5,244,716	U.S.	Sept. 14, 1993	O
472	5,274,853	U.S.	Jan. 4, 1994	O

Pub. No.	Patent Number	Country of Origin	Issue Date/Date of Publication (EP only)	Anticipation or Obviousness Art ¹
473	5,320,873	U.S.	June 14, 1994	O
474	5,492,753	U.S.	Feb. 20, 1996	O
475	5,869,182	U.S.	Feb. 9, 1999	O
476	0 052 268 B1	Europe	May 26, 1982	O
477	0 082 885 B1	Europe	July 6, 1983	O
478	0 126 705 B1	Europe	Nov. 28, 1984	O
479	0 145 812 A2	Europe	June 26, 1985	O
480	0 182 347 A1	Europe	May 28, 1986	O
481	0759119	France	Jan. 29, 1934	O
482	0802685	France	Sep. 10, 1936	O
483	1075162	France	Oct. 13, 1954	O
484	1181651	France	June 17, 1959	O
485	1207359	France	Feb. 16, 1960	O
486	1268515	France	June 26, 1961	O
487	1284373	France	Jan. 2, 1962	O
488	1290989	France	April 20, 1962	O
489	1349094	France	Dec. 2, 1963	O
490	1407815	France	June 28, 1965	O
491	2004214	France	Nov. 21, 1969	O
492	2021295	France	July 17, 1970	O
493	2124919	France	Sept. 22, 1972	O
494	2255242	France	July 18, 1975	O
495	2285089	France	April 16, 1976	O
496	2304057	France	Oct. 8, 1976	O
497	0672115	Germany	Feb. 20, 1939	O
498	0918776	Germany	Oct. 4, 1954	O
499	1222827	Germany	Aug. 11, 1966	O
500	1610639 C2	Germany	July 15, 1971	O
501	1912800	Germany	Oct. 16, 1969	O
502	2235096	Germany	Feb. 7 1974	O
503	2363078 C2	Germany	July 3 1975	O
504	2543047	Germany	Apr. 7, 1977	O
505	2751162	Germany	May 17, 1979	O
506	2810991	Germany	Sept. 21, 1978	O
507	3209054 A1	Germany	Sept. 29, 1983	O
508	3318471 C1	Germany	Aug. 23, 1984	O
509	3540368 C1	Germany	Apr. 2, 1987	O
510	3621743 A1	Germany	Jan. 7, 1988	O
511	4025291 A1	Germany	Feb. 13, 1992	O
512	4223852 A1	Germany	Jan. 27, 1994	O
513	4223853 A1	Germany	Jan. 27, 1994	O

Pub. No.	Patent Number	Country of Origin	Issue Date/Date of Publication (EP only)	Anticipation or Obviousness Art ¹
514	8314988	Germany	Sept. 5, 1985	O
515	8532171	Germany	Feb. 11, 1988	O
516	32-15171	Japan	1957	O
517	32-15172	Japan	1957	O
518	32-6720	Japan	1957	O
519	33-5185	Japan	1958	O
520	49-20751	Japan	1974	O
521	54-6968	Japan	1979	O
522	58-82750	Japan	1983	O
523	62-39052	Japan	1987	O
524	62-39053	Japan	1987	O
525	63-219607	Japan	1988	O
526	63-304080	Japan	1988	O
527	2-300304	Japan	1990	O
528	4-50304	Japan	1992	O
529	6-246076	Japan	1994	O
530	6-280103	Japan	1994	O
531	7-216727	Japan	1995	O
532	8-92868	Japan	1996	O
533	651186 A5	Switzerland	Sept. 13, 1985	O
534	436,774	U.K.	Oct. 17, 1935	O
535	450,736	U.K.	July 23, 1936	O
536	451,018	U.K.	July 28, 1936	O
537	454,269	U.K.	Sept. 28, 1936	O
538	454,305	U.K.	Sept. 28, 1936	O
539	458,917	U.K.	Dec. 29, 1936	O
540	473,478	U.K.	Oct. 11, 1937	O
541	474,598	U.K.	Oct. 29, 1937	O
542	479,374	U.K.	Feb. 4, 1938	O
543	503,536	U.K.	Apr. 11, 1939	O
544	513,613	U.K.	Oct. 17, 1939	O
545	729,569	U.K.	May 11, 1955	O
546	753,476	U.K.	July 25, 1956	O
547	791,074	U.K.	Feb. 26, 1958	O
548	870,453	U.K.	June 14, 1961	O
549	924,788	U.K.	May 1, 1963	O
550	926,582	U.K.	May 22, 1963	O
551	977,367	U.K.	Dec. 9, 1964	O
552	979,829	U.K.	Jan. 6, 1965	O
553	1,072,539	U.K.	June 21, 1967	O
554	1,113,684	U.K.	May 15, 1968	O

Pub. No.	Patent Number	Country of Origin	Issue Date/Date of Publication (EP only)	Anticipation or Obviousness Art ¹
555	1,235,837	U.K.	June 16, 1971	O
556	1,321,839	U.K.	July 4, 1973	O
557	1,379,633	U.K.	Jan. 2, 1975	O
558	1,379,634	U.K.	Jan. 2, 1975	O
559	1,379,635	U.K.	Jan. 2, 1975	O
560	1,379,636	U.K.	Jan. 2, 1975	O
561	1,390,604	U.K.	Apr. 16, 1975	O
562	1,498,957	U.K.	Jan. 25, 1978	O
563	1,506,054	U.K.	Apr. 5, 1978	O
564	1,555,892	U.K.	Nov. 14, 1979	O
565	1,573,106	U.K.	Aug. 13, 1980	O
566	2,071,564 A	U.K.	Sept. 23, 1981	O
567	2,132,938	U.K.	July 18, 1984	O
568	2,134,036	U.K.	Aug. 8, 1984	O
569	2,141,377 A	U.K.	Dec. 19, 1984	O
570	2,146,578 A	U.K.	Apr. 24, 1985	O
571	2,215,660 A	U.K.	Sept. 27, 1989	O
572	2,241,424 A	U.K.	Sept. 4, 1991	O
573	WO 93/22943	PCT	Nov. 25, 1993	O
574	WO 94/02669	PCT	Feb. 3, 1994	O
575	WO 94/02305	PCT	Feb. 3, 1994	O

NON-PATENT PUBLICATIONS

The following prior art publications anticipate and/or render obvious one or more of The Asserted Claims.

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
576	Program: Fusing Seminars	Apparel Research Foundation, Inc.		1971		O
577	Hand-Und Maschinennahen	Arbeitsstelle fur Betriebliche Berufsausbildung (editor)		1955	18, 28	O
578	Better Homes & Gardens Sewing Book	Better Homes and Gardens		1970	69-84; 109-168; 261-276	O
579	Testing Programs for the Apparel Industry: Evaluation of Materials and Components	Blandford, Josephine and Bensing, Phyllis (Apparel Research Foundation, Inc.)		10/01/68	Part I (1-31) and Part II (1-211)	O
580	The Technology of Clothing Manufacture (1st Edition)	Carr, Harold & Latham, Barbara		1988	128-136; 199-227	O
581	The Technology of Clothing Manufacture (2nd Edition)	Carr, Harold & Latham, Barbara		1994	44-74; 122-136; 194-222	O
582	Cure-Tex Offers Alternative Route to Wrinkle Resistant	Cure-Tex				O
583	Dictionary of Textiles	Harmuth, Louis		1915	41, 111, 128, 139, 165	O
584	Guide to Apparel Manufacturing (Revised Second Edition)	Hudson, Peyton		1989	1-266	O
585	The Modern Textile and Apparel Dictionary (Fourth Revised Enlarged Edition)	Linton, G.			57; 394-396; 444; 499-500; 548-549; 592; 653	O
586	Dipping Wrinkle Free Shirt Finishing Procedure	Ngai Shing Development Limited			1-72	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
587	The Machinery/ Equipment/ Folder for Wrinkle Free Dress Shirt	Philips-Van Heusen			1-34D	O
588	Top Fusing Quality Booklet	Phillips-Van Heusen			1-36	O
589	How much more do you want to sew?	Union Special Corporation		1988	1-16	O
590	Fairchild's Dictionary of Textiles (Sixth Edition)	Wingate, Isabel		1979	6-7; 72-73; 412-413; 416-417; 478-481; 538-539; 544-545; 584-587; 614-615; 666-667	O
591	Automatic Sewing System	Aisaka, Noboru	APN	01/88	72-74	O
592	Shirts Assembly: Production System and Workplace Engineering	Pfaff	APN	01/90	56-58	O
593	[TC] ² 's New Technology	Textile/Clothing Technology Corporation	APN	03/90	44-46	O
594	Chapter 8: Stitches, Seams, and Thread; Chapter 12: Support Materials	Glock, Ruth & Kunz, Grace	Apparel Manufacturing	1990	158-200; 266-285	O
595	Apparel Research Notes	AAMA	Apparel Research Notes	09/11/81	1-4	O
596	Apparel Research Notes	AAMA	Apparel Research Notes	10/19/81	1-4	O
597	Apparel Research Notes	AAMA	Apparel Research Notes	09/07/82	1-4	O
598	Apparel Research Notes	AAMA	Apparel Research Notes	12/82	1-8	O
599	Apparel Research Notes	AAMA	Apparel Research Notes	10/05/84	1-6	O
600	Apparel Research Notes	AAMA	Apparel Research Notes	03/85	1-6	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
601	Apparel Research Notes	AAMA	Apparel Research Notes	01/86	1-2	O
602	Apparel Research Notes	AAMA	Apparel Research Notes	08/86	1-4	O
603	Apparel Research Notes	AAMA	Apparel Research Notes	12/86	1-4	O
604	Apparel Research Notes	AAMA	Apparel Research Notes	07/87	1-4	O
605	Apparel Research Notes	AAMA	Apparel Research Notes	01/88	1-6	O
606	Apparel Research Notes	AAMA	Apparel Research Notes	03/88	1-4	O
607	Apparel Research Notes	AAMA	Apparel Research Notes	06/88	1-8	O
608	Apparel Research Notes	AAMA	Apparel Research Notes	01/89	1-4	O
609	Apparel Research Notes	AAMA	Apparel Research Notes	02/89	1-4	O
610	Apparel Research Notes	AAMA	Apparel Research Notes	05/89	1-6	O
611	Apparel Research Notes	AAMA	Apparel Research Notes	09/89	1-4	O
612	Apparel Research Notes	AAMA	Apparel Research Notes	10/89	1-8	O
613	Apparel Research Notes	AAMA	Apparel Research Notes	05/91	1-4	O
614	Apparel Research Notes	AAMA	Apparel Research Notes	02/92	1-4	O
615	Apparel Research Notes	AAMA	Apparel Research Notes	07/92	1-4	O
616	Apparel Research Notes	AAMA	Apparel Research Notes	02/93	1-6	O
617	Apparel Research Notes	AAMA	Apparel Research Notes	05/93	1-6	O
618	Apparel Research Notes	AAMA	Apparel Research Notes	04/94	1-5	O
619	Apparel Research Notes	AAMA	Apparel Research Notes	07/94	1-5	O
620	Adhesive Seams vs. Thread Seams: Still A Long Way To Go	Murray, John	Bobbin Magazine	03/76	113	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
621	The Appearance Problem: The Traditional Stitch vs. The Adhesive Seam	Murray, John	Bobbin Magazine	03/76	114-115	O
622	Adhesive Films For Apparel	Starbuck, Herman	Bobbin Magazine	03/76	116-124	O
623	Staying in Shape with Staflex/Harotex	Che-Noble Advertising, Inc.	Bobbin Magazine	09/92	287-288	O
624	No Wrinkle Growing from Bottoms to Tops	Shea, David C.	Bobbin Magazine	06/94	52	O
625	Seam Pucker: Its Cause and Prevention	Dorkin, C. M. C. and Chamberlain, N. H.	Clothing Institute Technological Report No. 10	06/61	1-38	O
626	The Practical Performance of Fusing Presses	Dorkin, C. M. C. and Chamberlain, N. H.	Clothing Institute Technological Report No. 19	05/68	1-58	O
627	The Physical Properties of Textile Laminates made with Fusible Interlinings	Morris, P. and Chamberlain, N. H.	Clothing Institute Technological Report No. 23	1971	1-46	O
628	Felts and Non-Woven Fabrics	American Fabrics Magazine Editors	Encyclopedia of Textiles		434-435; 592, 637-638, 646	O
629	Seaming and Joining Methods	Ko, Frank	Geotextiles & Geomembranes 6	1987	93-107	O
630	Stuck on Adhesives	Becker, Brian	Industrial Fabric Products Review	08/84	34, 36, 38	O
631	The Pfaff 5640 – In-line Machines in Jeans Production		J.S.N. International	02/80	28-30	O
632	The Crosse-Section of Sew Seam		J.S.N. International	11/80	19	O
633	Machines for Economical Production of Jeans Jackets and Waistcoats	Pfaff	J.S.N. International	03/84	38-46	O
634	The Heat Sealing of Seams: Review of Progress		Knitting International	09/81	58-59	O
635	Clothing with GrilTex Textile Adhesive Powders	Schaaf, S.	Kunststoffe Plastics	06/87	20-22	O
636	Bonding Techniques and Their Importance	Eichmanns, Herbert	Melliand Textileberichte English Edition	04/72	368-371	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
637	Modern Front-Setting Nonwoven Interlinings	Frank, S.	Melliand Textileberichte English Edition	04/74	257-259	O
638	Which Sealing Method Is Best for Coated Fabrics?	Koehler, T.J.	Modern Plastics	02/70	174-177	O
639	Kącik Małej Mechanizacji		Odzież	02/87		O
640	Technologia produkcji spondi typu "Jeans"		Odzież	08/89	238-240	O
641	Technologia spodni damskich wg firmy Pfaff		Odzież	06/90	152-158	O
642	Technologia koszul męskich na maszynach JUKI		Odzież	03/95	58-60	O
643	Maszyny firmy Kansai Special do szycia džinsu i ubiorów roboczych		Odzież	03/95	60-61	O
644	Rhoplex B-959 Mechanically-Stable, Solvent-Resistant, Acrylic Binder for Nonwovens		Rohm and Haas Company	03/94		O
645	Rhoplex HA-12 Rhoplex HA-16 Durable Acrylic Binders for Nonwovens		Rohm and Haas Company	09/94		O
646	Rhoplex ST-954 Soft and Durable Acrylic Binder for Nonwoven Interlinings		Rohm and Haas Company	09/94		O
647	How to Make a Dress Shirt in 12 Minutes	Capelin, Stanley	Shirt Making		S-2 to S-8	O
648	Shortcuts: Express Pockets		Successful Sewing	1993	22; 45-48	O
649	The Role of Thermoplastic Resins in Fusible Interlinings	Kamat, D.V.	Textile Chemist and Colorist: Journal of American Association of Textile Chemists and Colorists	07/73	25-27	O
650	Physics of Seam Pucker	Taylor, James and Clarke, Frank	Textile Industries	04/67	147-153; 253	O

Pub. No.	Article Title	Author (Last, First)	Publication	Date	Pg(s)	Anticipation Or Obviousness Art
651	Methods of Joining Fabrics	Worthington, A.P.	Textiles	10/80	70-75	O
652	Ultrasonic Seam Welding for Apparel	Apparel Research Foundation, Inc.	The Journal of the Apparel Research Foundation, Inc.	1969	5-12	O
Pub. No.	Document Title			Date	Pg(s)	Anticipation Or Obviousness Art
653	Pfaff Standard Operation Sheet 100-01.1 [Pfaff Sewing Machine Manual]			01/80	1-22	O
654	Pfaff Special Service 100-01 [Pfaff Sewing Machine Manual]			09/82	1-18; 20-32	O
655	Preliminary Amendment Filed Under 37 C.F.R. §115 In Prosecution of '779 Patent			03/11/96	11-12	O
656	Amendment Filed Under 37 C.F.R. §115 In Prosecution of '615 Patent			03/11/96	15-17	O

PUBLISHED STANDARDS

The following standards anticipate and/or render obvious one or more of The Asserted Claims.

Pub. No.	Title	Date	Pg(s)	Anticipation Or Obviousness Art
657	Military Specification: Shirts, Men's: Polyester/Cotton and Polyester/Cotton (Durable Press) (MIL-S-41827F)	9/6/73	1-43	O
658	Military Specification: Trousers, Utility (Durable Press) (MIL-T-43932B)	9/15/78	1-37	O
659	Military Specification: Shirts, Utility, Men's Chambray (MIL-S-87060A(NU))	9/10/84		O
660	Military Specification: Shirts, Utility, Men's, Chambray (MIL-S-87060B (NU))	2/19/88	1-24	O
661	Military Specification: Trousers, Camouflage Pattern, Combat (MIL-T-44047E)	6/26/91	1-57	O
662	Military Specification: Shirt, Man's: Short and Long Sleeves Polyester/Cotton (Durable Press) and Long Sleeves, Polyester/Wool (MIL-S-87214B)	11/20/92	1-43	O
663	Military Specification: Trousers, Camouflage Pattern, Combat (Interim Changes) (MIL-T-44047E) (with attached 6/26/91 Specification for MIL-T-44047E)	1/19/93	1-9	O

CHI99 4526816-1.071529.0011